

Title (en)
Optical line terminal (OLT) and optical network

Title (de)
OLT und optisches Netzwerk

Title (fr)
OLT et réseau optique

Publication
EP 2541822 A2 20130102 (EN)

Application
EP 12174409 A 20120629

Priority
JP 2011145120 A 20110630

Abstract (en)
Technology to provide linked control of bandwidth allocation to a plurality of optical network units 2 among the plural wavelengths by a bandwidth allocation section coupled to the plural optical network units 2.

IPC 8 full level
H04J 14/02 (2006.01); **H04J 3/16** (2006.01)

CPC (source: EP US)
H04B 10/272 (2013.01 - EP US); **H04J 3/1694** (2013.01 - EP US); **H04J 14/02216** (2023.08 - EP); **H04J 14/0246** (2013.01 - EP US);
H04J 14/025 (2013.01 - EP US); **H04J 14/0267** (2013.01 - EP US); **H04J 14/0221** (2013.01 - US)

Citation (applicant)
• JP 2009152706 A 20090709 - HITACHI COMM TECH LTD
• JP 2011055407 A 20110317 - NIPPON TELEGRAPH & TELEPHONE
• S. KIMURA: "10-Gbit/s TDM-PON and over-40-Gbit/s WDM/TDM-PON systems with OPEX-effective burst-mode technologies", OFC2009, OWH-6, March 2009 (2009-03-01)
• Z. BELFQIH ET AL.: "Enhanced Optical Budget System Performance of a Burst Extended PON at 10.7 Gbps over 60 km of Fibre", ECOC2008, TH2. F. 4., 2008

Cited by
EP2997684A4; US10003428B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2541822 A2 20130102; CN 102857317 A 20130102; JP 2013012968 A 20130117; JP 5651548 B2 20150114; US 2013004172 A1 20130103; US 8897644 B2 20141125

DOCDB simple family (application)
EP 12174409 A 20120629; CN 201210213384 A 20120625; JP 2011145120 A 20110630; US 201213535405 A 20120628